

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076127.D
 Acq On : 17 May 2023 17:14
 Operator : KP/SY
 Sample : 02816-01
 Misc : 6.07G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-3.5-051623

Quant Time: May 18 05:22:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

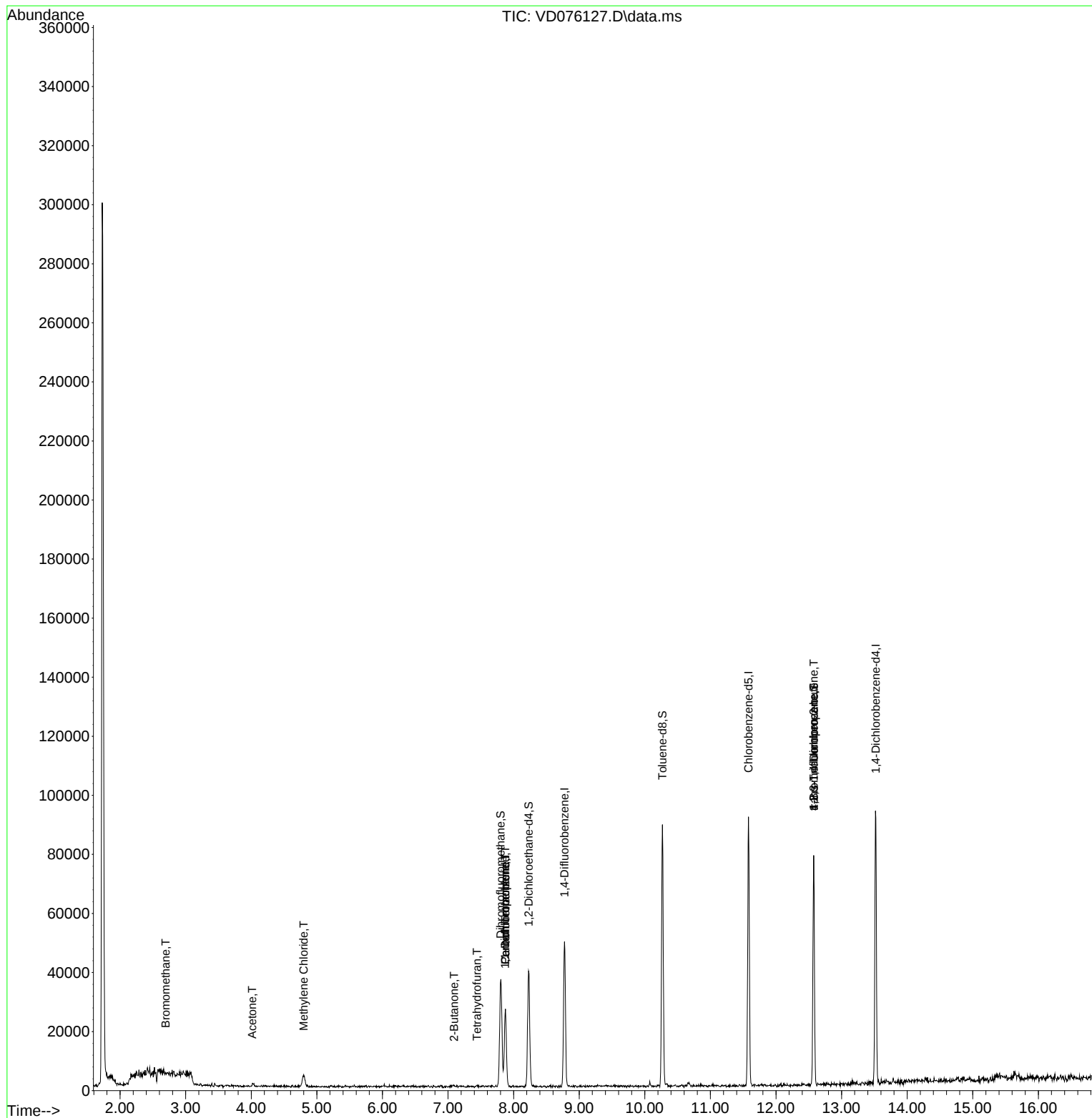
Internal Standards						
1) Pentafluorobenzene	7.875	168	22356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	48275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	58071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	26540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	30468	141.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 282.020%#	
35) Dibromofluoromethane	7.799	113	28162	84.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 168.800%#	
50) Toluene-d8	10.269	98	66025	50.758	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	12.575	95	24264	67.150	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 134.300%	
Target Compounds						Qvalue
3) Chloromethane	2.152	50	370	Below Cal	#	40
5) Bromomethane	2.693	94	452	1.544	ug/l #	1
16) Acetone	4.016	43	1544	35.916	ug/l #	74
20) Methylene Chloride	4.799	84	3621	2.184	ug/l #	65
25) 2-Butanone	7.093	43	125	2.313	ug/l #	50
29) Tetrahydrofuran	7.440	42	89	2.825	ug/l #	45
36) 1,1-Dichloropropene	7.869	75	1842	4.087	ug/l #	42
38) Carbon Tetrachloride	7.875	117	2158	5.301	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	12442	53.572	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	12442	112.386	ug/l #	5

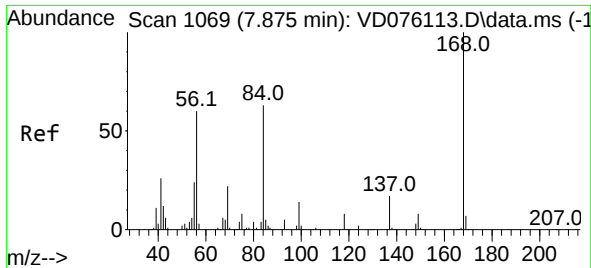
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

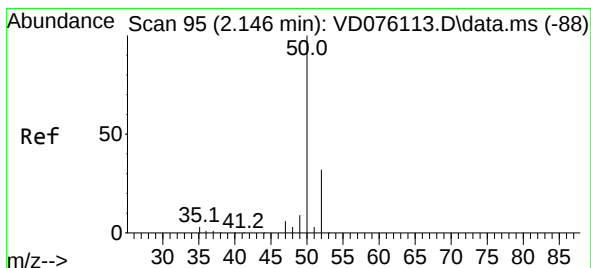
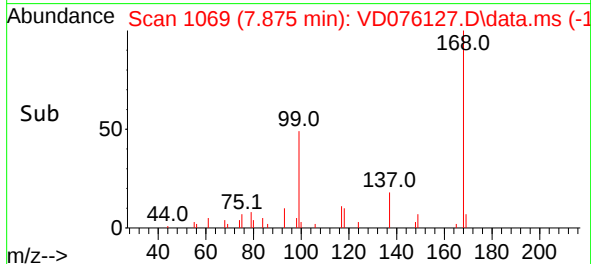
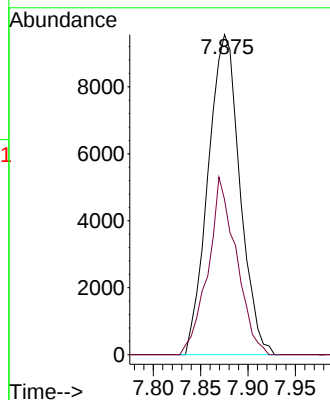
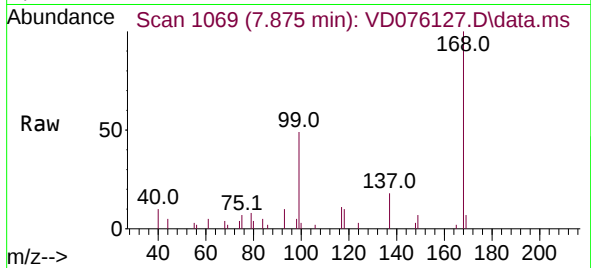




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

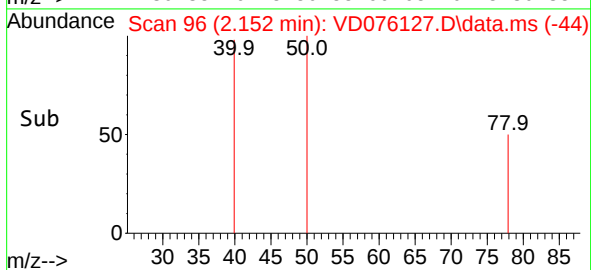
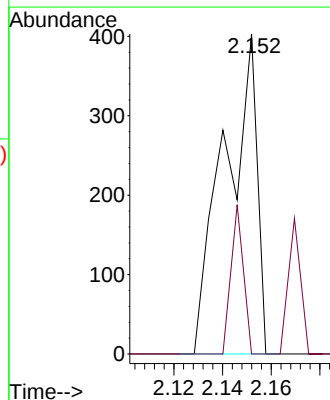
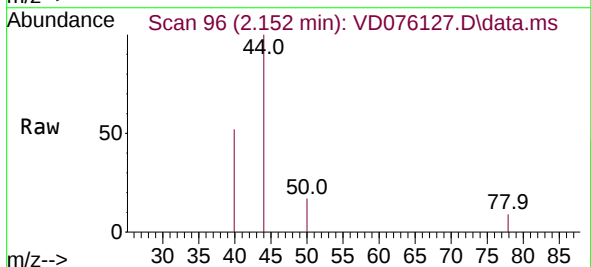
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-3.5-051623

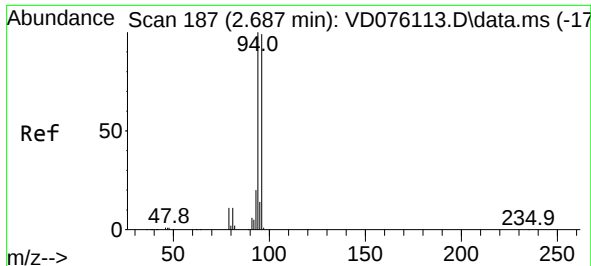
Tgt Ion:168 Resp: 22356
Ion Ratio Lower Upper
168 100
99 48.5 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

Tgt Ion: 50 Resp: 370
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

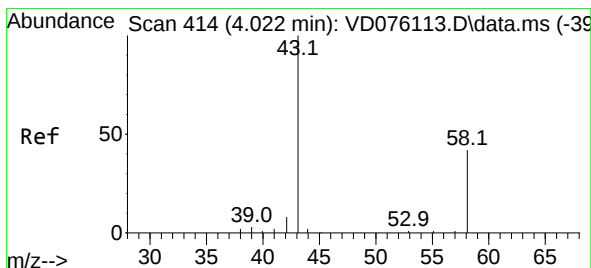
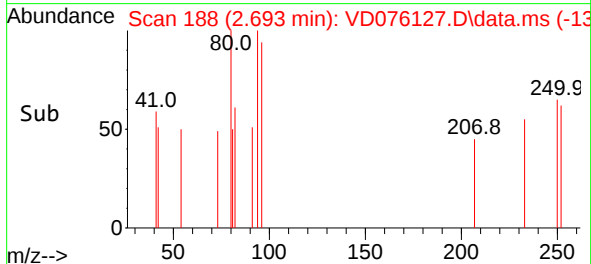
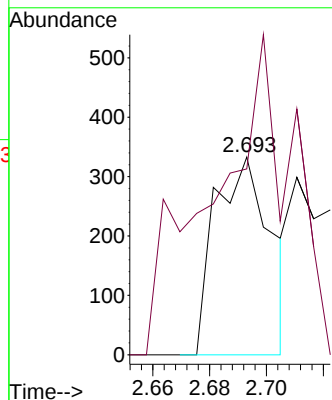
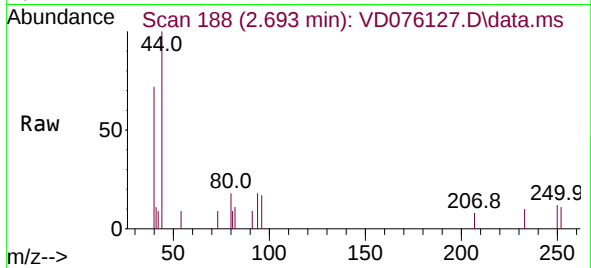




#5
Bromomethane
Concen: 1.544 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

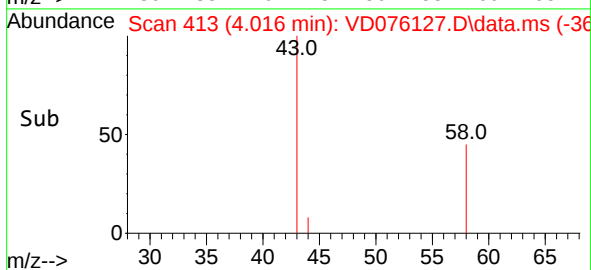
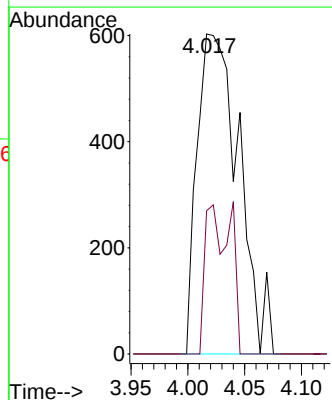
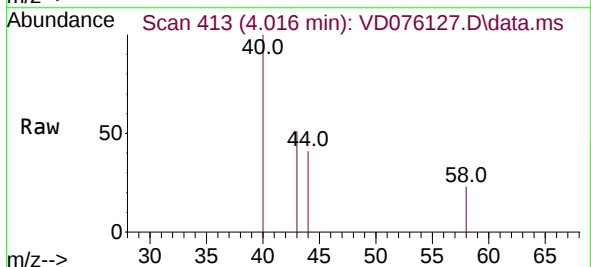
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-3.5-051623

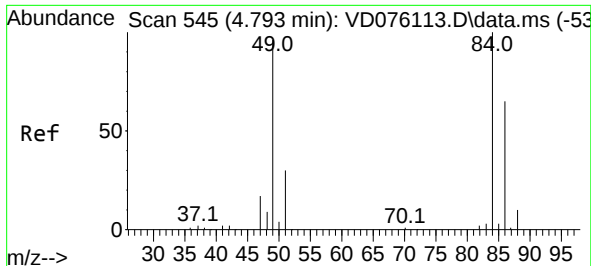
Tgt Ion: 94 Resp: 452
Ion Ratio Lower Upper
94 100
96 229.6 77.5 116.3#



#16
Acetone
Concen: 35.916 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

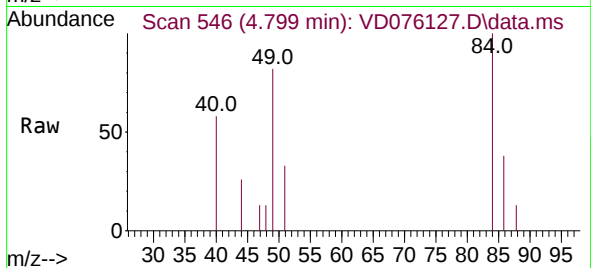
Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
58 44.8 24.4 36.6#



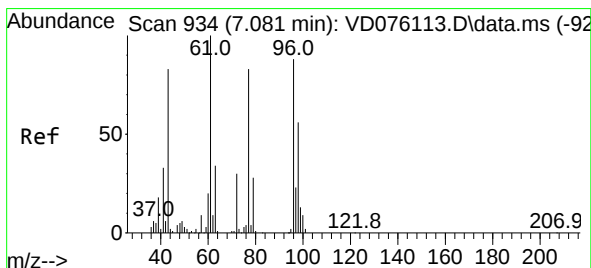
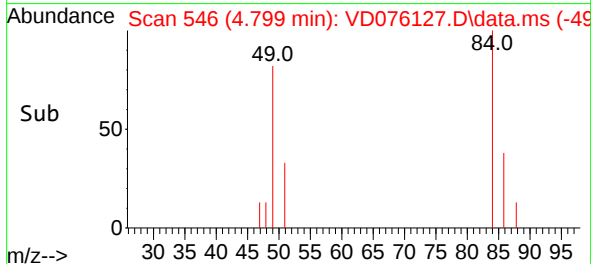
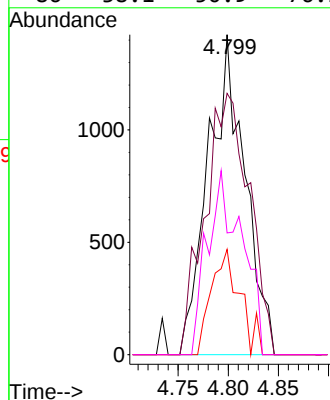


#20
Methylene Chloride
Concen: 2.184 ug/l
RT: 4.799 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-3.5-051623

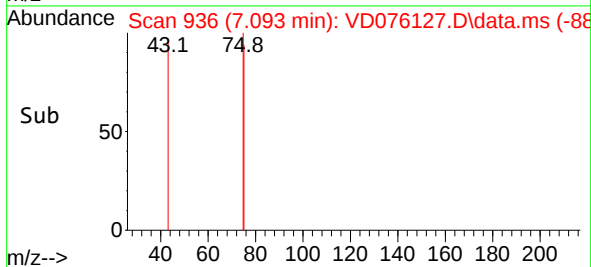
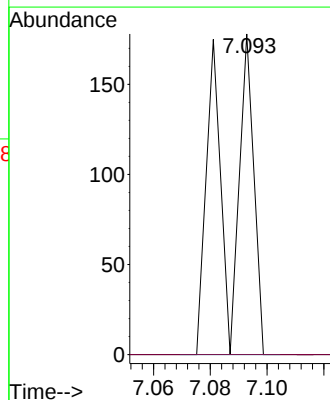
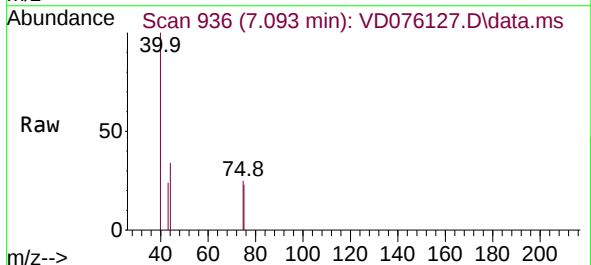


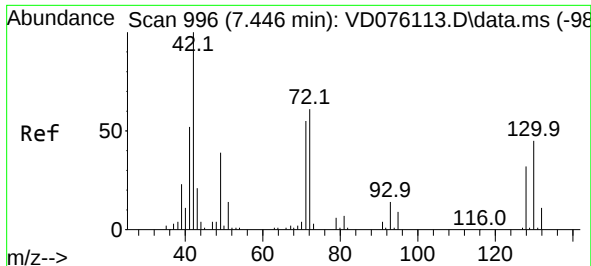
Tgt Ion:	84	Resp:	3621
Ion	Ratio	Lower	Upper
84	100		
49	81.7	106.4	159.6#
51	32.9	32.4	48.6
86	38.1	50.9	76.3#



#25
2-Butanone
Concen: 2.313 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.012 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

Tgt Ion:	43	Resp:	125
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#

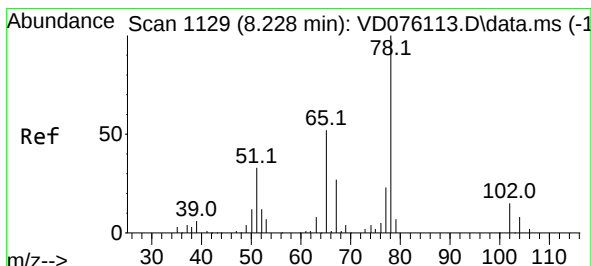
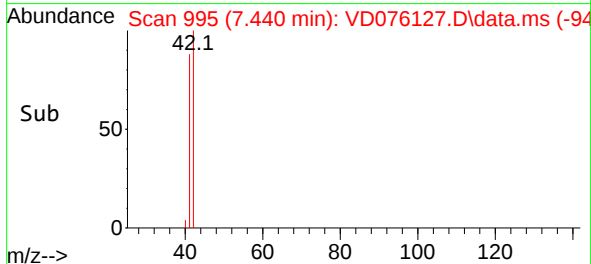
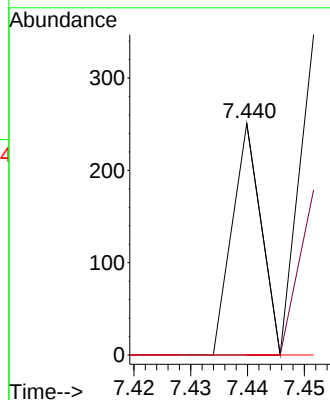
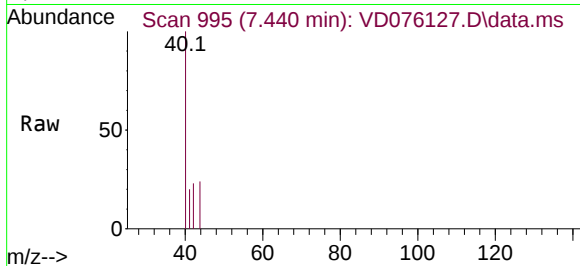




#29
Tetrahydrofuran
Concen: 2.825 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.000 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

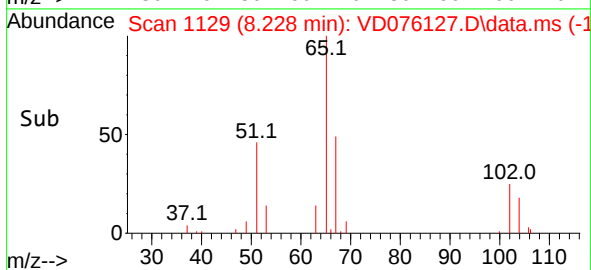
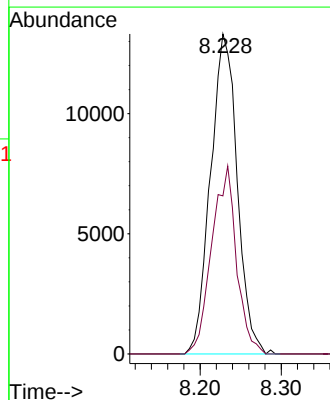
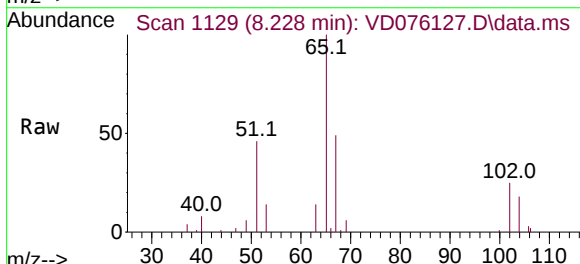
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-3.5-051623

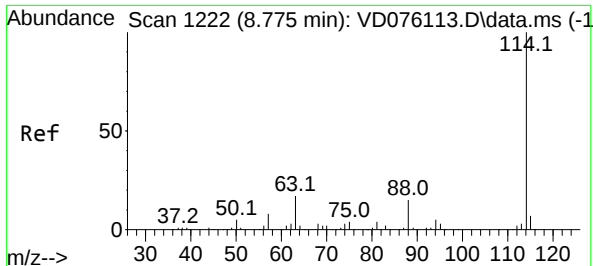
Tgt Ion: 42 Resp: 89
Ion Ratio Lower Upper
42 100
72 70.8 31.8 47.6#
71 0.0 27.6 41.4#



#33
1,2-Dichloroethane-d4
Concen: 141.013 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

Tgt Ion: 65 Resp: 30468
Ion Ratio Lower Upper
65 100
67 54.4 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076127.D

Acq: 17 May 2023 17:14

Instrument :

MSVOA_D

ClientSampleId :

CB-22-K2-SO-3.5-051623

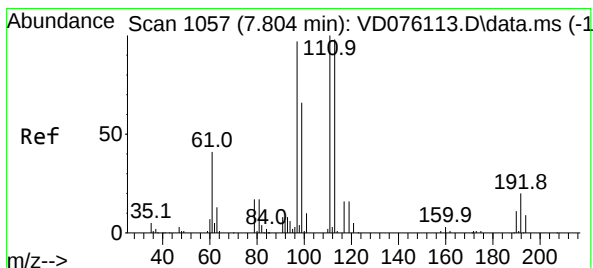
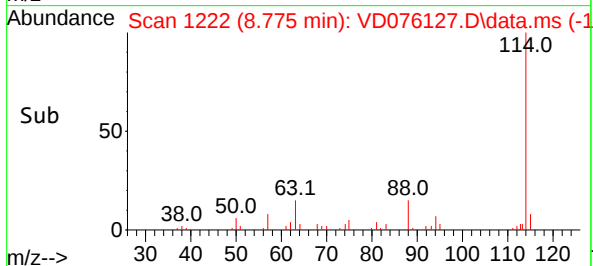
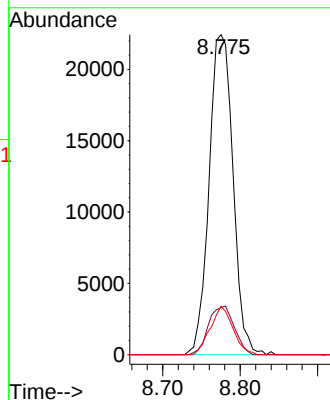
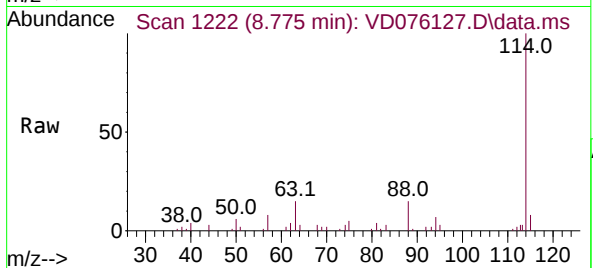
Tgt Ion:114 Resp: 48275

Ion Ratio Lower Upper

114 100

63 14.7 0.0 41.6

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 84.397 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076127.D

Acq: 17 May 2023 17:14

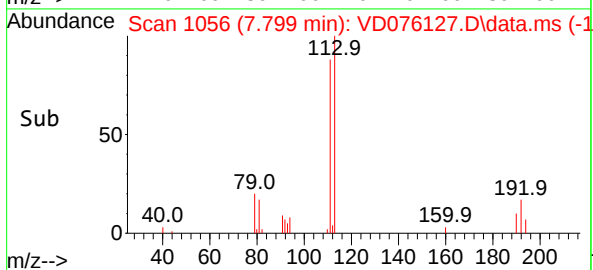
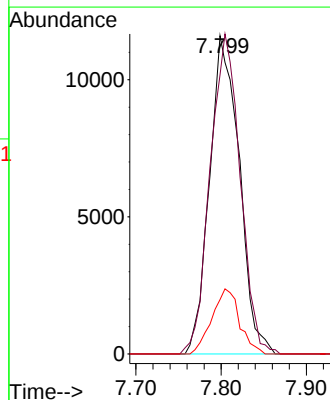
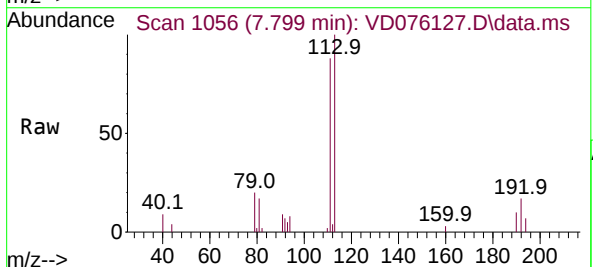
Tgt Ion:113 Resp: 28162

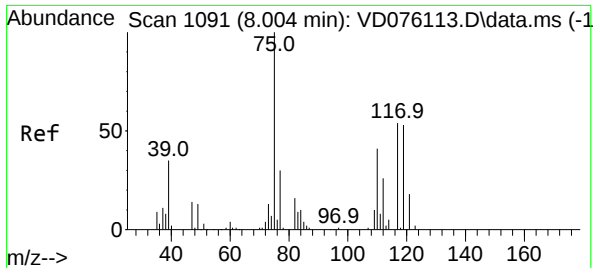
Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

192 19.0 15.2 22.8

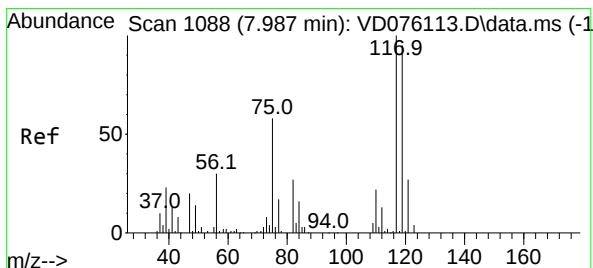
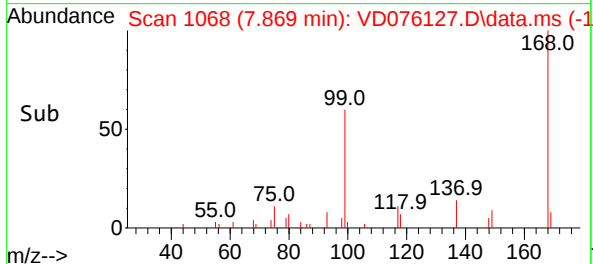
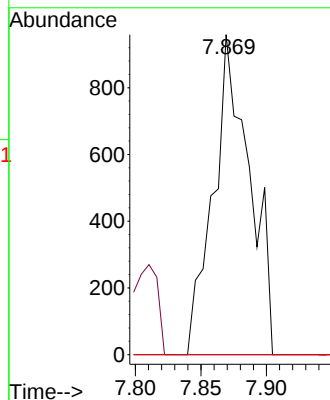
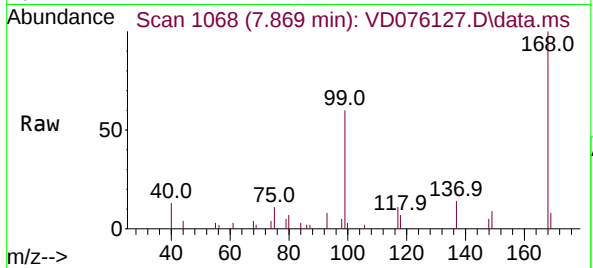




#36
1,1-Dichloropropene
Concen: 4.087 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

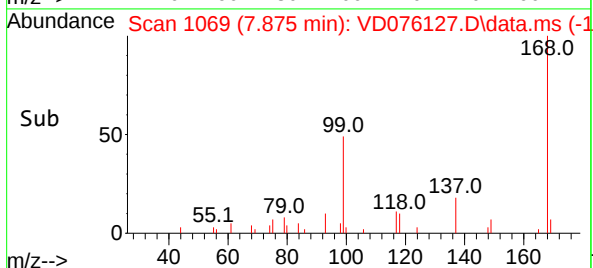
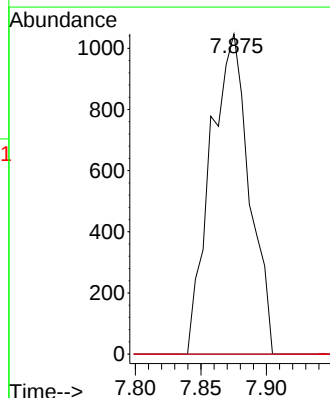
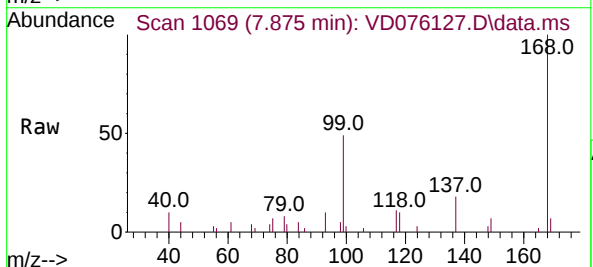
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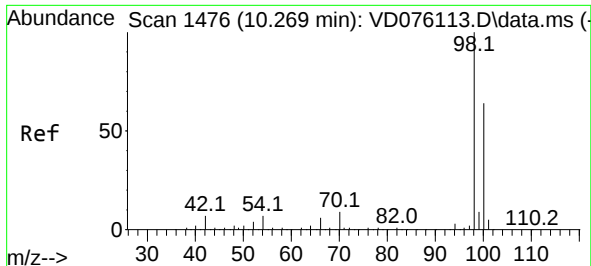
Tgt Ion: 75 Resp: 1842
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.301 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

Tgt Ion: 117 Resp: 2158
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#

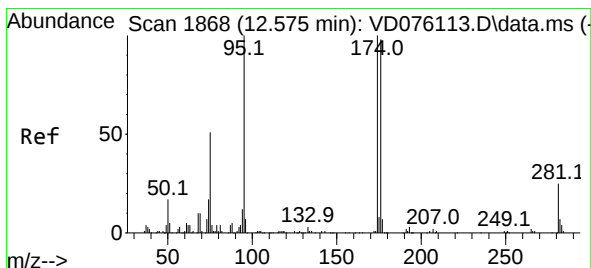
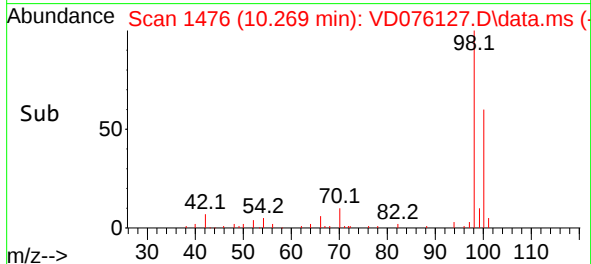
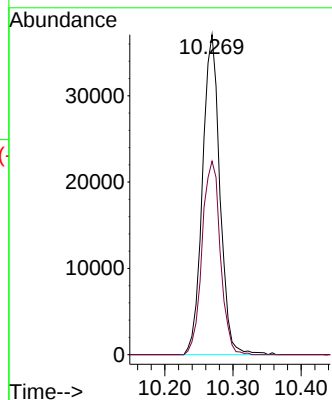
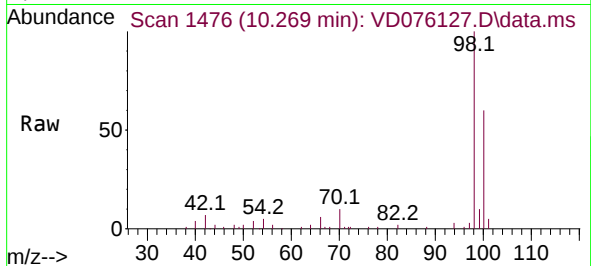




#50
Toluene-d8
Concen: 50.758 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

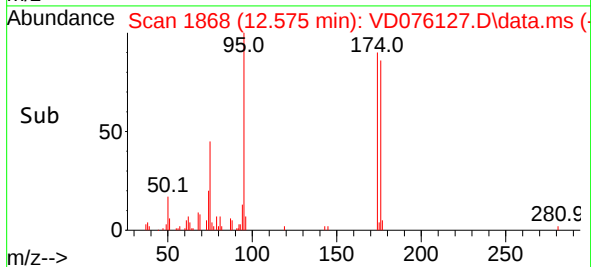
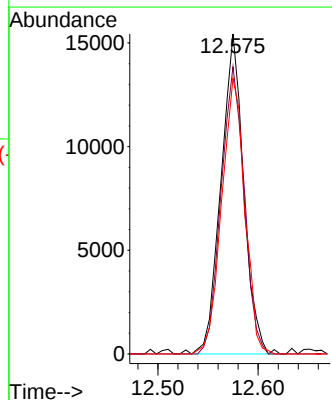
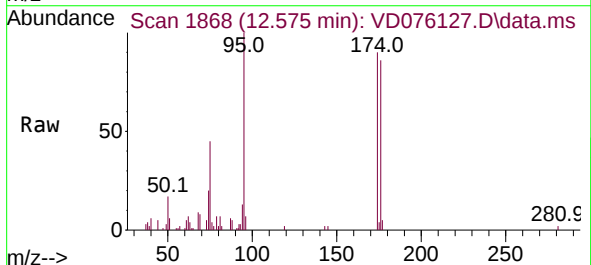
Instrument :
MSVOA_D
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CB-22-K2-SO-3.5-051623

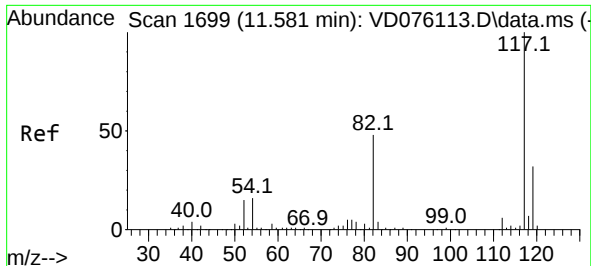
Tgt Ion: 98 Resp: 66025
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 67.150 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

Tgt Ion: 95 Resp: 24264
Ion Ratio Lower Upper
95 100
174 91.1 0.0 164.0
176 87.5 0.0 156.8

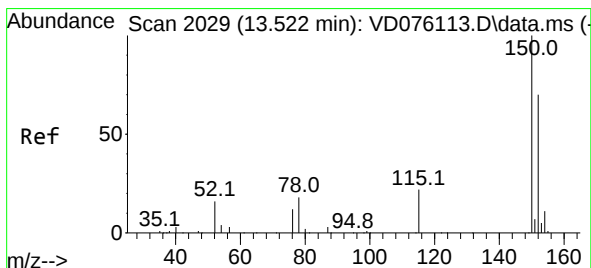
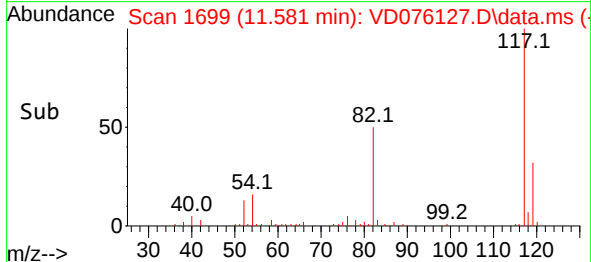
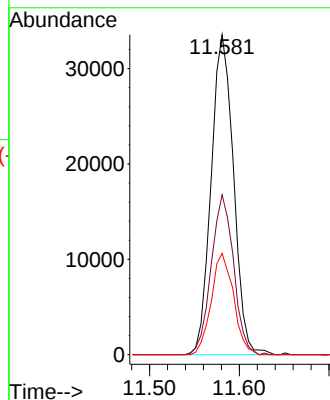
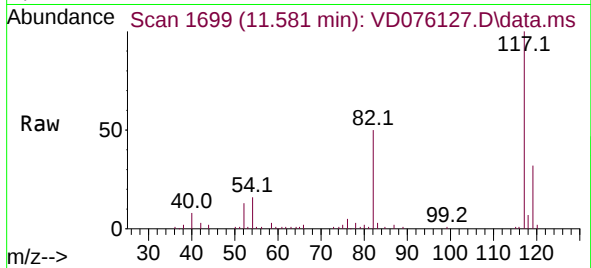




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

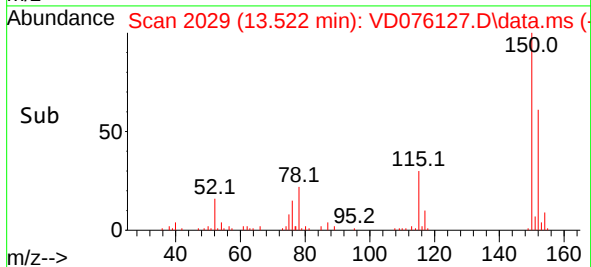
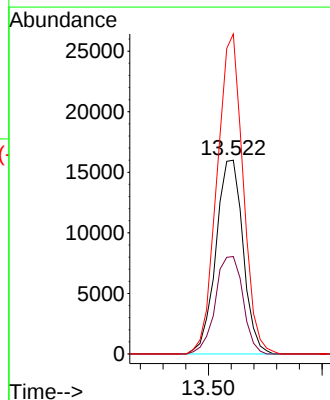
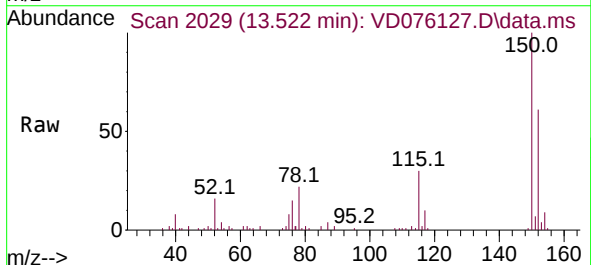
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-3.5-051623

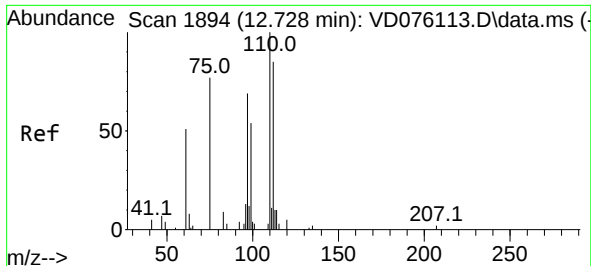
Tgt Ion:117 Resp: 58071
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

Tgt Ion:152 Resp: 26540
Ion Ratio Lower Upper
152 100
115 51.2 30.1 90.3
150 158.4 0.0 364.8

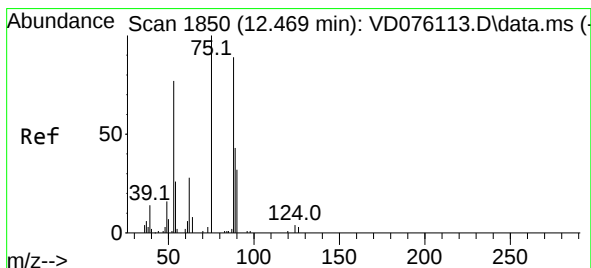
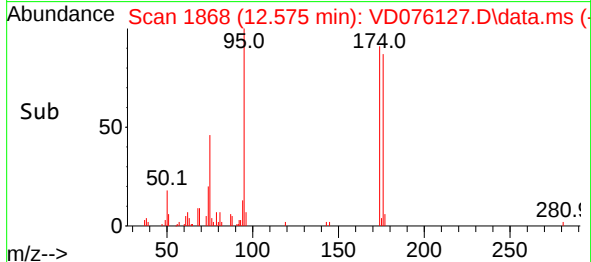
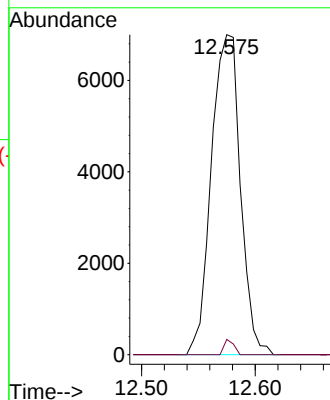
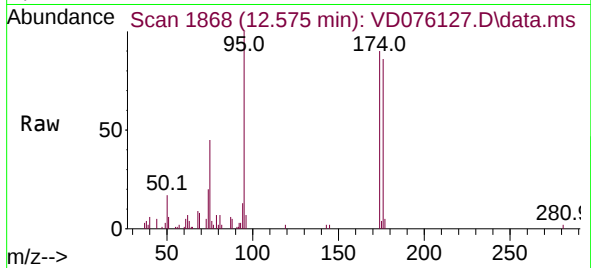




#76
1,2,3-Trichloropropane
Concen: 53.572 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-3.5-051623

Tgt Ion: 75 Resp: 12442
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.386 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076127.D
Acq: 17 May 2023 17:14

Tgt Ion: 75 Resp: 12442
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

